ASUREMEN

Dimen				Contents	Reference to last Measurem
nber 3	Length 4		pth 6	7	8
				Total Rs 468101/-	
				468000	
				Badhou	
				AE 27/6/15	

Chec
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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.

tly above work done Satisfactory
ials issued from departmentally

15

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97.

First & Final Bill

SBR No-280/15-16

A: 2-A-16

18-3-16

BR-292/31-3-16

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193882

Serial No.

Name of work Removal of Debris and Berm cutting in Doddabommasandra area in ward No-10. (Doddabommasandra) From To

Name of Contractor of nature of Agency Sri. R.S. Thyagaraj.

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No;	010-15-000052.					
	Indent No;	13901					
	Agreement No;	309 Dated 16-02-2015.					
	Work order No;	EE/BTP/BBMP/E-PMT/309/2014-15, Dt 16-02-2015.					
	Address of Agency;	#15, Ramakrishnapura Jallahali post, Bangalore-					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil including an average horizontal throw upto 2 metres and an average lift upto 0.5m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc						
	Desiltation of Road Side Drain	2	30.00	0.60 (0.30+0.45)/2		= 13.50 Cum	
		2	30.00	0.60 (0.40+0.40)/2		= 14.40 Cum	
		2	30.00	0.60 (0.40+0.30)/2		= 12.60 Cum	
		2	30.00	0.60 (0.30+0.35)/2		= 11.70 Cum	
		2	25.30	0.60 (0.35+0.40)/2		= 11.39 Cum	
		2	30.00	0.60 (0.35+0.30)/2		= 11.70 Cum	
		2	30.00	0.60 (0.35+0.35)/2		= 12.60 Cum	
		2	30.00	0.60 (0.35+0.45)/2		= 14.40 Cum	

M.A.R.

Meas

Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Le
1	2	3	
		2	30.
		2	30.
		2	30
		2	30
		2	30.0
		2	21.5
		2	30.0
		2	30.00
		2	21.50
		2	30.00
		2	30.00

EASUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
n by manual means in ordinary soil involving					
tal throw upto 2 meters and an average					
uted surface leveled and sides neatly					
earth to be leveled neatly after breaking					
2	30.00	0.60 (0.30+0.45)/2		= 13.50 Cum	
2	30.00	0.60 (0.40+0.40)/2		= 14.40 Cum	
2	30.00	0.60 (0.40+0.30)/2		= 12.60 Cum	
2	30.00	0.60 (0.30+0.35)/2		= 11.70 Cum	
2	25.30	0.60 (0.35+0.40)/2		= 11.39 Cum	
2	30.00	0.60 (0.35+0.30)/2		= 11.70 Cum	
2	30.00	0.60 (0.35+0.35)/2		= 12.60 Cum	
2	30.00	0.60 (0.35+0.45)/2		= 14.40 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193883

Serial No..............................

Name of work..............................From..............................To..............................

Name of Contractor of nature of Agency..............................

Date of commencement of work..............................

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	30.00	0.60 (0.40+0.30)/2		= 12.60 Cum	
		2	37.20	0.60 (0.30+0.35)/2		= 12.56 Cum	
		2	30.00	0.45 (0.35+0.45)/2		= 10.80 Cum	
		2	30.00	0.45 (0.45+0.40)/2		= 11.48 Cum	
		2	21.50	0.45 (0.40+0.35)/2		= 7.26 Cum	
		2	30.00	0.45 (0.35+0.40)/2		= 10.13 Cum	
		2	30.00	0.45 (0.40+0.40)/2		= 10.80 Cum	
		2	21.50	0.45 (0.40+0.30)/2		= 6.77 Cum	
		2	30.00	0.45 (0.30+0.35)/2		= 8.78 Cum	
		2	30.00	0.45 (0.35+0.45)/2		= 10.80 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	20.00	0.45	(0.40+0.30)	= 7.65 Cum	
		2	30.00	0.45	(0.40+0.30)	= 9.45 Cum	
		2	30.00	0.45	(0.30+0.35)	= 8.78 Cum	
		2	20.00	0.45	(0.35+0.45)	= 7.20 Cum	
		2	30.00	0.45	(0.45+0.40)	= 11.48 Cum	
		2	30.00	0.45	(0.40+0.35)	= 10.13 Cum	
		2	32.20	0.45	(0.35+0.40)	= 10.87 Cum	
		2	30.00	0.45	(0.40+0.40)	= 10.80 Cum	
		2	30.00	0.45	(0.40+0.30)	= 9.45 Cum	
		2	32.20	0.45	(0.30+0.35)	= 9.42 Cum	
		2	30.00	0.45	(0.35+0.40)	= 10.13 Cum	
		2	30.00	0.45	(0.40+0.45)	= 10.48 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2

MEASUREMENT BOOK

work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
	2	20.00	0.45 (0.40+0.30)		= 7.65 Cum	
	2	30.00	0.45 (0.40+0.30)		= 9.45 Cum	
	2	30.00	0.45 (0.30+0.35)		= 8.78 Cum	
	2	20.00	0.45 (0.35+0.45)		= 7.20 Cum	
	2	30.00	0.45 (0.45+0.40)		= 11.48 Cum	
	2	30.00	0.45 (0.40+0.35)		= 10.13 Cum	
	2	32.20	0.45 (0.35+0.40)		= 10.87 Cum	
	2	30.00	0.45 (0.40+0.40)		= 10.80 Cum	
	2	30.00	0.45 (0.40+0.30)		= 9.45 Cum	
	2	32.20	0.45 (0.30+0.35)		= 9.42 Cum	
	2	30.00	0.45 (0.35+0.40)		= 10.13 Cum	
	2	30.00	0.45 (0.40+0.45)		= 11.48 Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193884

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	32.50	0.45 (0.45+0.35)		= 11.70 Cum	
		2	30.00	0.45 (0.35+0.30)		= 8.78 Cum	
		2	30.00	0.45 (0.30+0.40)		= 9.45 Cum	
		2	32.50	0.45 (0.40+0.35)		= 10.97 Cum	
		2	30.00	0.45 (0.40+0.30)		= 9.45 Cum	
		2	30.00	0.45 (0.30+0.35)		= 8.78 Cum	
		2	18.20	0.45 (0.35+0.40)		= 6.14 Cum	
		4	30.00	0.45 (0.40+0.40)		= 16.45 Cum	
		2	30.00	0.45 (0.45+0.40)		= 11.48 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.60	(0.40+0.35)/2	= 13.80 Cum	
		2	25.20	0.60	(0.35+0.45)/2	= 12.10 Cum	
		2	30.00	0.60	(0.45+0.40)/2	= 15.30 Cum	
		2	30.00	0.60	(0.40+0.30)/2	= 12.60 Cum	
		2	30.00	0.60	(0.40+0.35)/2	= 13.80 Cum	
		2	25.20	0.60	(0.30+0.35)/2	= 9.83 Cum	
		2	30.00	0.60	(0.45+0.35)/2	= 14.40 Cum	
		2	30.00	0.60	(0.35+0.30)/2	= 11.70 Cum	
		2	30.00	0.60	(0.35+0.35)/2	= 12.60 Cum	
		2	18.50	0.60	(0.35+0.45)/2	= 8.88 Cum	
		2	30.00	0.60	(0.40+0.40)/2	= 14.40 Cum	
		2	30.00	0.60	(0.40+0.30)/2	= 12.60 Cum	
		2	30.00	0.60	(0.30+0.35)/2	= 11.70 Cum	

M.A.F

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Qty la	
	Summary	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿ... ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ	
1)	Earth work excavation ... ಸಾಲಿಗ್ರಾಮ-97. lowering ... the ground mare	
	culverts, road ... removing the excavated ...	
	LM upto LSL	

MEASUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2	30.00	0.60	(0.40+0.35)/2	= 13.50 Cum	
2	25.20	0.60	(0.35+0.45)/2	= 12.10 Cum	
2	30.00	0.60	(0.45+0.40)/2	= 15.30 Cum	
2	30.00	0.60	(0.40+0.30)/2	= 12.60 Cum	
2	30.00	0.60	(0.40+0.35)/2	= 13.50 Cum	
2	25.20	0.60	(0.30+0.35)/2	= 9.83 Cum	
2	30.00	0.60	(0.45+0.35)/2	= 14.40 Cum	
2	30.00	0.60	(0.35+0.30)/2	= 11.70 Cum	
2	30.00	0.60	(0.35+0.35)/2	= 12.60 Cum	
2	18.50	0.60	(0.35+0.45)/2	= 8.88 Cum	
2	30.00	0.60	(0.40+0.40)/2	= 14.40 Cum	
2	30.00	0.60	(0.40+0.30)/2	= 12.60 Cum	
2	30.00	0.60	(0.30+0.35)/2	= 11.70 Cum	
			2	11.34	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193888

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
					Total =	1291.95 Cum / 290.36	
	C/f Summary				Qty limited to Tender =	1244.25 Cum	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ				@ Rs 71.10/1.00	Rs 88466.00	
						88342.00	
2)	Earth work in excavation in ordinary soil for levelling and lowering the ground marginary (other than foundation of building Culverts, road cutting and trenches of Pipelines and Cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/F	12	3.50	1.45	0.45 =	27.40 cum	
	Survey	12	6.60	1.50	0.40 =	43.20 cum	
		8	5.50	1.80	0.45 =	35.60 cum	
					Total =	1455.91 cum	
					Qty limited to tender =	1422.00 cum	
						Rs 196236	

3) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading

Qty vide Item No- 1+2 = 2666.25 cum

@ Rs 69.00 Rs 183971

Total Rs 468625

C/F

Survey

Badhan

AE 27/6/2015

M.A.R.

Measu

Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Le
1	2	3	
	Certificate		
	Certified that the abo and no-materials issu		
	Badhan		
	AE 27/6/2015		

MEASUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
12	3.50	1.45	0.45 =	27.44cum	
12	6.60	1.50	0.40 =	43.20cum	
8	5.50	1.80	0.45 =	35.64cum	
			Total =	1455.91cum	
				1422.00cum	
				Rs 196236	

...al of Debris shall be payable at carriage ...anical means including loading and unloading

No- 1+2

69.00 c/f

= 2666.25cum

Rs 183975

Total Rs 468625

468549

Sadhar AE 27/6/2015

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193891

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate:-						
	Certified that the above work done satisfactory and no materials issued from departmentally						
	Sadhar AE 27/6/2015						

ಸಹಾಯಕ ಅಭಿಯಂತರರು 27/6/2015
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ.
ಯಲಹಂಕ ವಲಯ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-64

EASUREMENT BOOK

Date	Full description,	Dimensions				Contents	Reference to last Measureme
		umber	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audited & Admitted for Rs
4685440-00
4653200
and Rs 52010-00
Accts Supdt
Byatarayanapura Dn BBMP

IT - 4686.00
VAT - 15742.00
LWF - 4686.00
CBF - 469.00
ESD - 23429.00
Total Ded - 52010.00

M.A.R
Mea
Serial No.....
Name of work.....Fro
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3